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THE CLAIMS

What is claimed is:

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A cranial void filler comprising:

 an upper mineralized cortical bone section, and
 a lower, at least partially demineralized cortical bone section,

wherein the lower section is adapted and configured to contact walls of a cranial void.

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- 2. The cranial void filler of claim 1, wherein the upper and lower sections form a T-shape.
- 3. The cranial void filler of claim 1, further comprising at least one slit extending through at least a portion of at least one of the upper and lower sections.
 - 4. The cranial void filler of claim 1, wherein at least one slit extends through a portion of the upper section and at least one slit extends through the lower section.

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- 5. The cranial void filler of claim 4, wherein the at least one slit in the lower section is colinear with the slit in the upper section.
- 6. The cranial void filler of claim 1, wherein the upper section has a 25 rounded upper surface portion.
 - 7. The cranial void filler of claim 1, wherein the upper section has a curved lower surface portion.
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- 8. A plate comprising:

a unitary body with a pair of portions having a first width and a central portion disposed therebetween having a second width, the first width being greater than the second width, and the body being formed of cortical bone; and

at least one partially demineralized region,

wherein the at least one partially demineralized region confers flexibility to the plate.

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- 9. The plate of claim 8, further comprising a plurality of fastener holes.
- 10. The plate of claim 9, wherein the body has a central longitudinal axis and a first at least partially demineralized region that is coaxial therewith.
- 11. The plate of claim 10, wherein the first at least partially demineralized region extends substantially across the entire length of the body.
- 12. The plate of claim 10, wherein the fastener holes are disposed 10 proximate ends of the body.
 - 13. The plate of claim 12, wherein the fastener holes are disposed on a central longitudinal axis, and a first at least partially demineralized region is coaxial therewith.

14. The plate of claim 13, wherein a at least a second at least partially demineralized region is disposed transverse to the first at least partially demineralized region.

- 20 15. The plate of claim 14, wherein the at least second at least partially demineralized region is generally perpendicular to the first at least partially demineralized region.
- 16. The plate of claim 15, wherein the at least second at least partially demineralized region intersects at least one fastener hole.
 - 17. The plate of claim 8, wherein the body is relatively thin compared to its length or width.
- The plate of claim 8, wherein the at least one partially demineralized region extends substantially across the second width.
- 19. The plate of claim 18, wherein the body has a central longitudinal axis and the at least partially demineralized region extends transverse to the central longitudinal axis.

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- 20. The plate of claim 19, further comprising a plurality of fastener holes.
- 21. The plate of claim 8, wherein the body is generally dogbone shaped.
- The plate of claim 8, wherein the body has a central longitudinal axis, and the length of the body along the central axis is between about 10 mm and about 20 mm.
 - 23. The plate of claim 22, wherein the first width is between about 4 mm and about 7 mm.
 - 24. The plate of claim 23, wherein the body has a thickness between about 1 mm and about 3 mm.
- 25. The plate of claim 23, wherein the body has a length of about 15 mm, 15 a first width of about 5 mm, and a thickness of about 2 mm.
- 26. An implant comprising a unitary section of cortical bone having a first portion that is mineralized and a second portion that is at least partially demineralized, wherein the mineralized portion includes a plurality of slits to facilitate bending of the unitary section.
 - 27. A method of forming an implant comprising: obtaining cortical fibers; at least partially demineralizing the fibers; allowing the fibers to clump together; and allowing the fibers to dry in a clumped state.
 - 28. The method of claim 27, wherein the fibers are allowed to dry in a mold.
 - 29. The method of claim 28, further comprising pressing the fibers while the fibers are clumped together.

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30. The method of claim 27, wherein the fibers are obtained by milling.

31. An implant for maintaining a space in a bisected vertebrae comprising:

a cortical bone cord having a first and second free ends adapted for engaging exposed portions of the lamina, and a region positioned between the first and second ends, wherein the region is at least partially demineralized to provide flexibility.

- 32. The implant of claim 31, wherein the free ends are mineralized.
- 33. The implant of claim 31, wherein the cord further comprises a pair of at least partially demineralized regions with a mineralized central region therebetween.
 - 34. The implant of claim 31, wherein the at least partially demineralized region is centrally located between mineralized free ends.

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